BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: KODIGEHALLI

Name of Work: *Modified Estimate for Improvements to Footpaths in cross roads of Kodigehalli in Ward No.12,Kodigehalli .*

Job Code: 012-23-000005

Estimated Cost:	***Rs. 30,00,000.00***
Approved Amount:	***Rs. 20,89,529.31***
Modified Amount:	***Rs. 20,89200.00***

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer Byatarayanapura

Detailed Estimate

Name of work: Modifed Estimate For Improvements to Footpaths in cross roads of Kodigehalli in Ward No.12,Kodigehalli .

								Modified Cost Rs:	2089200.00
Sl No.	Particulars	Unit	Nos	Lin m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								
	PWD CSR 2021-22 V-1 , P.8, Sl no.1.4.1								
		cum							
	Desilting								
	8th Main Road saharkarnagar		2	200.00	0.50	0.60	120.00		
	9th Main Road saharkarnagar		2	200.00	0.50	0.60	120.00		
	20th cross Road saharkarnagar		1	250.00	0.50	0.60	75.00		
	By side EE office childern park in side 8th Main Road Saharkarnagar		4	25.00	2.00	0.25	50.00		
	By side EE office childern park in side 8th Main Road Saharkarnagar		1	20.00	15.00	0.25	75.00		
	By side EE office childern park 8th Main Road Saharkarnagar		1	100.00	0.90	0.25	22.50		
							462.50	168.39	**77880.00**
4	Removing and resetting of Footpath Slab and painting in C.M.1:3 (approved Rate).								
		Sqm							
	Approved Rate								
	8th Main Road saharkarnagar		2	200.00	0.90		360.00		
	9th Main Road saharkarnagar		2	200.00	0.90		360.00		
	20th cross Road saharkarnagar		1	250.00	0.90		225.00		
							945.00		
							945.00		
	Considering 80% Quantity from item No -04						**756.00**	193.40	**146210.00**
5	Providing B.S.slabs of selected quality roughly dressed having a size of 10cms thick and fixed is cement mortor (1:6) including fixing curing etc.complete.as directed by the Enginer in charge of the work (excluding GST and Area Leading Charges) (approved Rate).								
		Sqm							
	Approved Rate 18-06-22								
	Considering 20% Quantity from item No -04						**189.00**	688.85	**130193.00**

Sl No.	Particulars	Unit	Nos	Lin m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
6	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications.								
	PWD CSR 2021-22 V-11 , P.64, Sl no9.31								
		Sqm,							
	Park								
	By side EE office childern park in side 8th Main Road Saharkarnagar		4	25.00	2.00		200.00		
	By side EE office childern park in side 8th Main Road Saharkarnagar		1	20.00	20.00		400.00		
	8th Main Road saharkarnagar		1	50.00	0.90		45.00		
							645.00		
							645.00		
	Considering 45% Quantity from item No -06						**290.25**	1036.57	**300864.00**
7	Removing and resetting of cobble stones (approved Rate).								
		Sqm							
	Approved Rate	**380.00**							
	Considering 80% Quantity from item No -06						**354.75**	312.74	**110945.00**
8	Removing and resetting of Kerb stones (approved Rate).								
		Rmt							
	Approved Rate 18-06-22	**118.00**							
	20th cross Road saharkarnagar		1	330.00			330.00		
							330.00		
							330.00		
	Considering 80% Quantity from item No -08						**264.00**	97.11	**25637.00**
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)								
	PWD CSR 2021-22 V-1 , P.15, Sl no.2.1.3.								
		cum							
	Desilting								
	8th Main Road saharkarnagar		2	160.00	0.15	0.10	4.80		
	9th Main Road saharkarnagar		2	160.00	0.15	0.10	4.80		
	20th cross Road saharkarnagar		2	100.00	0.15	0.10	3.00		
	8th Main Road saharkarnagar		4	25.00	2.00	0.10	20.00		
			1	100.00	0.90	0.10	9.00		

Sl No.	Particulars	Unit	Nos	Lin m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
	By side EE office childern park in side 8th Main Road Saharkarnagar		4	25.00	2.00	0.15	30.00		
	By side EE office childern park in side 8th Main Road Saharkarnagar		1	20.00	16.00	0.15	48.00		
							119.60		
							119.60	5207.20	**622781.00**
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete								
		Nos							
	Considering 20% Quantity from item No -08						**50.00**		
	8th Main Road saharkarnagar		2	63.00			126.00		
	9th Main Road saharkarnagar		1	201.00			201.00		
							377.00		
	total qty =570/0.45=1266						837.78		
	Rate as per tender up to 125 %						**124.50**	417.26	**51949.00**
	Rate as per tender Above125 %						**713.28**	343.40	**244940.00**
11	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	PWD CSR 2021-22 V-111 , P.56, Sl no.8.10								
		Sqm							
	Kerb Painting								
	By side EE office childern park in side 8th Main Road Saharkarnagar		8	25.00		0.35	70.00		
	8th Main Road saharkarnagar		2	130.00		0.35	91.00		
	9th Main Road saharkarnagar		2	130.00		0.35	91.00		
	20th cross Road saharkarnagar		1	250.00		0.35	87.50		
							339.50	76.95	**26125.00**
12	Cost of Haulage excluding Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.10km=100t.km. (Tipper 5.5 m3)								
	qty viddeitemno=01								
					Total		**462.50**	86.91	**40196.00**
	EIRL								
E1	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.								
	PWD CSR 2021-22 V-2 , P., Sl no.6.33.								
		Sqm							
	9th Main Road saharkarnagar		2	190.00		0.40	152.00		
	tree		7	3.00		0.40	8.40		
							160.40	965.95	**154938.00**

Sl No.	Particulars	Unit	Nos	Lin m	B in m	D in m	Quantity	Rate in Rs	Total Amount in Rs
E2	Supplying and fixing Pre cast reinforced concrete slab 10cm thick including cost of rinforcement as per design and drawing courses cost of all materials, labour complete as per specifications. Specification (Approved Data Rates)								
	8th Main Road saharkarnagar	Sqm	1	102.00	0.90		91.80		
							91.80	1705.25	**156542.00**
	Sub total								**2089200.00**

Assistant Engineer
Ward No.12

Assistant Executive Engineer
Kodigehalli Sub-Division
Bruhat Bengaluru Mahanagara Palike

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike

Technical Sanction
Accorded For Rs. 2089200.00
Head of A/C. P 3726
CER NO : 09 Dt. 04/23